

Scott Chapman – 23411 Summerfield #15H, Aliso Viejo, CA 92656 - cell: 602-309-8216 - scott@mischko.com

EXPERIENCE

Software Development

- Python, CherryPy, PostgreSQL, Qooxdoo, OpenLayers mapping, JSON, REST – Design and implement remote kiosk monitoring and management system.
- Python development/maintenance of back-end applications.
- Python, Django, Sybase, Oracle – Database migration support from Sybase to Oracle. Internal application web development.
- Python, Oracle, CherryPy, Linux, Apache, Hylafax, Nagios - Database programming, web load testing, web programming, fax system integration, server application installation/administration/monitoring. 2007-2010.
- Python, PostgreSQL, Apache, Linux, XHTML, CSS, Javascript - Wiki. Object Oriented, MVC design. 2005 - 2006
- Python, PostgreSQL, Apache, Linux, XHTML, CSS, Javascript, AJAX, Google Maps - Complete web site re-write of existing site into PostgreSQL/Python to lay a better foundation for future GIS work. Map-enabled seed tracking system. (www.nativeseednetwork.org). 2004 - 2006
- Perl - Web-based project management system for server performance analysis reports. Web utility for file transfer to/from customers (Apache, EmbPerl, DBI/DBD, PostgreSQL, Linux). 2001 - 2004
- Visual Basic 3.0 - Netscape bookmark organizer. Internet utility to facilitate point-to-point "type-talking". Information organizer for personal use (Windows 3.1). 1994 - 1996
- Bourne Shell - administrative scripting and dial-up user menu system, automated email account. (AT&T 3B2 Unix SVR3). 1992 - 1994
- Turbo Pascal 3.0 - Childcare scheduling system. Accounts receivable system. Screen designer. Misc. utilities (CP/M). 1987 - 1989

Server Administration

- Managed applications (Apache, PostgreSQL, Hylafax, SVN, etc.) on a dozen servers in production/test/dev environment (RHEL4&5)
- Linux - production web/email server (Debian) for www.mischko.com
- Linux server: Email (Postfix), DNS (djbdns), Web (Apache), Database (Postgresql), FTP.
- Home network consisting of Linux (Ubuntu) and Windows 2003 servers and thin client workstations (Linux Terminal Server Project).

Networking

- Installed LAN for 15 user non-profit organization.
- Cisco router to WAN & internal Cisco routers.
- SonicWall firewall to WAN.
- DHCP, DNS, NAT, TCP/IP, SMTP, HTTP, SSH, SFTP.

Technical Support of:

- System administrators using Meta-View system performance software.
- PC users (MS-DOS - Windows 2000, XP).
- Dial-up email host users.

Training & Presentation

- Individual - in person, over the telephone/video, via email, etc.
- Classroom
- Technical material presentations to non-technical and technical audiences.
- Creation of documentation.
- Desktop Publishing (Adobe PageMaker 7.0).

EMPLOYMENT

Mischko Systems, LLC – Owner

BEHR Process Corporation, Santa Ana, CA – Senior Python developer 11/3/2012 – 7/13/2012

Designed and built remote kiosk monitoring and management system, client and server pieces. Python, CherryPy, PostgreSQL, Qooxdoo, OpenLayers mapping, JSON, REST.

Flat World Knowledge, Irvington, NY – Software Developer 7/25/2011 – 10/3/2011

Python development/maintenance of back-end applications.

Mischko Systems, LLC – Owner

PIMCO, Newport Beach, CA – Senior Python developer 9/16/2010 – 7/8/2011

Worked with team on database migration from Sybase to Oracle. Added to internal web application in Django for the Advisory group.

Mischko Systems, LLC – Owner

Verizon Wireless, Orangeburg, NY – Senior Python developer 7/2007 – 7/2/2010

Python development and maintenance. Oracle, CherryPy, ModPython. Linux Server Administration/Management. Nagios system monitoring, PostgreSQL, Subversion.

Google, Inc., Tempe, AZ - Site Reliability Engineer 10/2006 - 5/2007

Analyzing and troubleshooting large-scale distributed systems in a high-volume, critical production service environment. Linux, MySQL. Utility scripting in Python.

Mischko Systems - Owner. Web-based solutions 2005 - Current

Web development using Python, PostgreSQL, XHTML, CSS, Javascript, Ajax, JSON, Google Maps.

Native Seed Network, Corvallis, OR 10/2004 - 10/2006

Rewrite of www.nativeseednetwork.org to Python and PostgreSQL for their stronger support of GIS applications. All IT management for non-profit organization of about 15 employees. Creation of map-enabled seed tracking system using Google Maps and AJAX.

Lund Performance Solutions, Albany OR 10/1998 - 8/2004

Development of web-based project management system for server performance analysis reports (Perl and Postgresql). Web application for file transfer to/from customers & creation of ship requests for software. Courteous & professional technical support and training of server and client system performance software users. Proxy e-mail host administrator (Redhat 7.3 with Postfix). System performance analysis & consulting. Cisco router configuration for company LAN/WAN. Firewall configuration. Server administration for email/dns/web/ftp server.

Kinko's, Spokane WA, Corvallis OR 10/1995 - 6/1996, 12/1997 - 10/1998

Desktop publishing. Courteous & professional customer service & technical support for walk-in computer users. Retail counter production & cashiering. Consultative selling.

Independent Cycle, Spokane WA 1/1989 - 4/1989, 6/1996 - 7/1997

Retail & wholesale sales of used motorcycle parts. Customer service. Administrative support. Assisted with inventory system design and implementation. Store opening and closing. Bookkeeping. Minor computer programming and all PC system support.

Lamplight Computer Service - Owner, Spokane WA 4/1995 - 4/1996

Visual Basic programming and sale of utility software on the Internet. Internet training. On-site and telephone technical support of local business customers.

US Air Force, Okinawa Japan, Spokane WA 12/1989 - 4/1995

Managed and maintained email server for 1000 users. User and co-worker training, documentation, technical support, troubleshooting, TCP/IP, DNS, Sendmail, Elm, system administration. Managed and implemented migration from VAX/VMS email server to AT&T 3B2 (SVR3). Dial-up email user PC technical support and training. Dial-up and leased line modems. Magnetic tape librarian for the base-level Unisys mainframe. Telephone switchboard operator. Selected to be in the White House Communications Agency. TS/SCI Security Clearance attained (It has since expired).

EDUCATION

University of Maryland 1992

General requirements

Spokane Falls Community College Spokane, Washington 1986

General requirements, public speaking, law, writing, bookkeeping, BASIC programming.

U.S. Air Force Okinawa, Japan 1989-1994

Training the Trainer. Total Quality Management. UNIX Host Administration. TCP/IP Networking